

A CLINICAL STUDY OF MATERNAL AND PERINATAL OUTCOME IN HEART DISEASE COMPLICATING PREGNANCY

ABSTRACT:

BACKGROUND

A clinical study of maternal and maternal outcome in patients with heart disease complicating pregnancy

AIMS:

To know the incidence, various aetiological factors, possible prognostic factors, impact of pregnancy on heart disease, impact of heart disease on pregnancy role of medical termination of pregnancy, method of sterilisation and maternal outcome according to ejection fractions.

METHODS:

Patients with heart disease who were admitted between June 2015 to July 2016 at obstetrics and gynaecology department Tirunelveli medical college. Out of 107 patients 98 patients were admitted for delivery 4 were admitted for Medical termination of pregnancy and 5 were delivered outside and admitted for further evaluation of their heart disease. Analysis of these patients for foetomaternal outcome.

RESULTS:

The over all incidence of heart disease belongs to class IV and V socioeconomic status. 7.4% were diagnosed during pregnancy, 92.6% were diagnosed before pregnancy, 71.4% patients were delivered vaginally, 27.5% of patients had undergone caesarean section. Prenatal outcome was good perinatal mortality was one. There were 7 maternal death during study period.

CONCLUSION:

The medical surgical and obstetrical care of a pregnant cardiac patients is considerably a difficult task. Once pregnancy is confirmed a multi disciplinary approach with a team of obstetrician, cardiologist, cardiothoracic surgeon, anaesthetist, good nursing care and social care provide the good chance to carry the pregnancy to a successful outcome.